

ENERGY STORAGE FLYWHEEL SYSTEM CONTAINMENT VESSEL

ABSTRACT OF THE DISCLOSURE

A containment vessel used to enclose an energy storage flywheel system during certification testing of the energy storage flywheel system includes a plurality of concentrically disposed vessels. One or more intermediate shields are freely disposed within an outer shield, and an inner shield is freely disposed within the intermediate shields. The inner shield includes a deflector rim disposed proximate one of its ends that is configured to absorb the energy of ejected material, in the highly unlikely event of a flywheel failure during testing.